

***LineUp With Math™* Alignment**  
**Alabama Course of Study: Mathematics**  
**Adopted 2003**

**Number and Operations**

**Students will:**

3. Solve problems requiring the use of operations on rational numbers.

- Using percents to solve problems, including problems involving discounts, taxes, commissions, and simple interest

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.

--Use percent relationships to resolve distance, rate, time conflicts in air traffic control.

**Measurement**

**Students will:**

11. Solve problems involving ratios or rates, using proportional reasoning.

- Determining the unit rate
- Converting rates from one unit to another

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.